

## Temperature Investigations in Two Type of Crimped Connection Using Experimental Determinations

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**Abstract :** In this paper we make a temperature investigations in two type of superposed crimped connections using experimental determinations. All the samples use 8 copper wire 7.1 x 3 mm<sup>2</sup> crimped by two methods: the first method uses one crimp indents and the second is a proposed method with two crimp indents. The ferrule is a parallel one. We study the influence of number and position of crimp indents. The samples are heated in A.C. current at different current values until steady state heating regime. After obtaining of temperature values, we compare them and present the conclusion.

**Keywords :** crimped connections, experimental determinations, temperature, heat transfer

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